

OMAHA DISTRICT RAPID RESPONSE WEEKLY REPORT	
Project Name: PEMACO REMEDIAL ACTION	For Week Ending: 11/11/06
Project Location: MAYWOOD, CALIFORNIA	Report #: 2006W13
Name: Mark Prostko	Title: Construction Manager
Company Name & Address: TN & Associates	
Phone: (805) 585-2110	Fax: (805) 585-2111
Reporting Period: 11/04 – 11/11/2006	
Percent field work completed:	
Percent project completed:	
<p>Summary of work completed on site:</p> <ul style="list-style-type: none"> <li>Clevenger Construction Co. (CLEVCO) installed the north wall wire mesh trim , hung west wall 4' wide man door, installed soffitt for south wall full length `80LF, installed soffitt for north wall ~30 LF, installed one half of roof panels (south side).</li> <li>Gregg Drilling completed location of underground utilities in ERH area using air knife equipment and marking locations with color coded "rooster tails". Over 200 locations marked (water, storm sewer, electric, gas, trenches installed in 2005)</li> <li>Set rooster tails for future TMP and VE well locations.</li> <li>Drilled and installed TMP#7, TMP#22, TMP#24 and TMP#26. Details on the daily reports. Gregg Drilling installed with TN&amp;A /TRS oversight.</li> <li>TRS delivered 21 pallets 2,000 lbs. per pallet or 42,000 lbs. of steel shot. (Second truck load delivered to date)</li> <li>Site meeting Thursday 920 hours to 1030 hours with EPA, USACE, TN&amp;A to discuss Items discussed and results were: ERM to continue to refine Dwg. M-4 and M-1 and M-1A have been updated by ERM. Project field office requires the changes/updates. ERM has re-issued Work Plan pages with USACE revisions. The schedule for building erection was reviewed. ERM to provide scheduling for the electrician to do ground loop, interior lights and conduit, and power lines from electrical panel near WW Henry equipment. TN&amp;A to provide crane for unloading FTO unit still scheduled for delivery 11/28/06. ERM to place the FTO unit within the building.</li> <li>Prepared drill rig access in ERH area near park fence line, removed ~ 40 LF of fence at the ERH area, installed 120 LF of silt fence adjacent to park fence line, created pathway/access for large equipment next to the gate for ERH area. (Additional out-of-scope items)</li> <li>Photo documentation of the site activities is ongoing.</li> </ul> <p>Health and Safety (10/28/2006 to 11/04/2006)</p> <ul style="list-style-type: none"> <li>No accidents or incidents involving personnel to report within the past week.</li> <li>Perimeter dust monitoring program is being performed and documented.</li> <li>Since August 4, a total of 56 work days have been completed without a lost time incident.</li> <li>Daily safety meeting records are been completed by Mark Prostko and kept on file in the office trailer.</li> <li>Daily safety meetings have included discussions on using appropriate PPE in the construction area as well as specific AHA's related to individual tasks.</li> </ul>	
<p>Summary of work completed off site:</p> <ul style="list-style-type: none"> <li>Twining Labs continues to hold concrete cylinders for 28 day break tests for concrete poured 10/12/06, 10/13/06 and 10/18/06.</li> </ul>	
<p>Explanation of deviation from work plan (including modifications and schedule slippages):</p> <p>Waiting on additional parts from Braemar Building (C sections, clips, trim and 3/4" bolts). Parts did not arrive on Friday 11/10/06. Parts to arrive Monday 11/13/06 and Tuesday 11/14/06.</p>	
<p>Recommendations:</p> <p>To begin installation of inner walls (electrical, storage and control rooms). By switching the crew over to this work while waiting for the parts from Braemar, the schedule should not be negatively impacted.</p>	
<p>Key personnel changes:</p> <p>TN&amp;A provided Mark Wanek for oversight of soil sampling associated with TMP's.</p> <p>TN&amp;A provided Dave Klein for oversight of air knife and utility locating.</p> <p>TRS provided Jeff Fujita to replace Paul Bianco on Friday 11/10/06.</p>	

**OMAHA DISTRICT RAPID RESPONSE WEEKLY REPORT CONT'D.**

Work anticipated to be performed the following week:

1. QC testing of bolts 11/14/06 with independent third party (Twining Labs).
2. Finish wall panels (sheets) east and north wall. Complete installation of roof panels north side.
3. Begin the installation of inner walls for electrical, storage and control room areas.
4. Install TMP's and obtain soil samples at TMP #'s 26, 22, 7, and 24.
5. Continue with process for obtaining bids for HVAC work. (Air conditioner unit control room and exhaust fans for electrical and storage rooms)
6. Continue with the process of obtaining bids for site work. (Write SOW/RFP and send to contractors for solicitation)

Schedule for two week look ahead (**Note that a two-week "Look-ahead" schedule will be prepared and sent out separately**):

1. Continue with installation of thermocouple wells (TMP #'s 17, 27, 9, 11, 13, 12, 14, and 10) within the ERH area.
2. Coring and soil sampling for the thermocouple wells listed above.
3. Develop MW #'s 3, 4, 26A and 26B.
4. Begin limited electrical work (lights, small bore conduits, grounding ring).
5. Continue with and complete the installation of wall and roof skins (26 gauge steel) through period ending 11/22/06.
6. Begin installation of gutters and downspouts through period ending 11/22/06.
7. See two- week look ahead schedule for more details.

Overall construction schedule variances:

FTO unit inspection test scheduled for 11/16/06 in Milwaukee will be postponed to a later date to be determined.

Submittals and key correspondence since last report:

- Daily QC reports and site photos.
- Weekly report.

Quality control:

**Status of on and off-site work and testing:**

- Twining Labs will forward final concrete strength test results for concrete poured on 10/12/06 and 10/13/06, as soon as it is available.
- All work details are being noted on the Daily QC Report.
- Twining Labs on site Friday 11/10/06 for initial QC testing of installation of structural bolts for Braemar Building.

**Rework Items Identified within the past week:**

None

**Rework Items corrected within the past week:**

- Grate for trench drain/sump requires field modifications to make the sections flush with the concrete floor. Total of three+ days of labor to date with 1-2 men and a power grinder and chop saw used. (Identified 10/20/06) Grinding complete. Require touch-up paint only. **Rework item completed 11/9/06.**
- There is a low spot in the floor within the trench drain approximately 15 feet from the east end. (Identified 10/20/06) USACE approved corrective action (since there is plenty of freeboard), will be to add concrete to the floor and slope as needed to eliminate low spot. **Rework item completed 11/9/06.**

Cost Report:

[Will be provided in Separate Report]

Contract Status/Issues: None

Other remarks: None

Prepared by: [Mark Prostko – Construction Manager](#)

OMAHA DISTRICT RAPID RESPONSE WEEKLY REPORT	
Project Name: PEMACO REMEDIAL ACTION	For Week Ending: 11/18/06
Project Location: MAYWOOD, CALIFORNIA	Report #: 2006W14
Name: Mark Prostko	Title: Construction Manager
Company Name & Address: TN & Associates	
Phone: (805) 585-2110	Fax: (805) 585-2111
Reporting Period: 11/11 – 11/18/2006	
Percent field work completed:	
Percent project completed:	
<p>Summary of work completed on site:</p> <ul style="list-style-type: none"> <li>• Clevenger Construction Co. (CLEVCO) installed the north wall skins, completed the north wall soffit 80 LF, installed second half of roof panels (north side).</li> <li>• CLEVCO began construction of the electrical, control and storage rooms. Rooms have been framed and drywall is 80% complete.</li> <li>• Drilled and installed TMP#9, TMP#16, TMP#17, TMP#18, and TMP#27. Details are provided in the daily reports. Gregg Drilling installed the TMPs with TN&amp;A /TRS oversight.</li> <li>• TRS delivered copper wire for electrodes.</li> <li>• Project meeting (teleconference) Thursday 1100 hours to 1200 hours with EPA, USACE, TN&amp;A to discuss Items discussed and results were: TN&amp;A to publish Dwg. M-4. The schedule for building erection was reviewed. ERM to provide updated scheduling for the electrician for interior lights and conduit. Power line installation for the electrical panel near WW Henry equipment is scheduled for week of 11/27/06. FTO test fire date in Milwaukee was pushed back to Dec 4<sup>th</sup>. FTO delivery to the site date was pushed back to Dec 11<sup>th</sup>. No meeting week of 11/20/06.</li> <li>• Photo documentation of the site activities is ongoing.</li> </ul> <p>Health and Safety (11/11/2006 to 11/18/2006)</p> <ul style="list-style-type: none"> <li>• No accidents or incidents involving personnel to report within the past week.</li> <li>• Perimeter dust monitoring program is being performed and documented.</li> <li>• Since August 4, a total of 61 work days have been completed without a lost time incident.</li> <li>• Daily safety meeting records are being completed by Mark Prostko and kept on file in the office trailer.</li> <li>• Daily safety meetings have included discussions on using appropriate PPE in the construction area as well as specific AHA's related to individual tasks.</li> </ul>	
<p>Summary of work completed off site:</p> <ul style="list-style-type: none"> <li>• Twining Labs continues to hold concrete cylinders for 28 day break tests for concrete poured 10/12/06, 10/13/06 and 10/18/06.</li> </ul>	
Explanation of deviation from work plan (including modifications and schedule slippages): FTO test fire and delivery date slipped one week.	
Recommendations:	
<p>Key personnel changes:</p> <p>TN&amp;A provided Tiffany Angus for oversight of soil sampling associated with TMP's.</p> <p>TRS provided Danny Baysa to support Jeff Fujita.</p>	
<p>Work anticipated to be performed the following week:</p> <ol style="list-style-type: none"> <li>1. Tensile testing of bolts in the lab with independent third party (Twining Labs).</li> <li>2. Complete the installation of west wall skins and louvers.</li> <li>3. Complete installation of drywall for electrical, storage, and control room areas.</li> <li>4. Install TMP's and obtain soil samples at TMP #'s 19, 3, 29, 7, and 4</li> <li>5. Develop MW #'s 3, 4, 26A and 26B.</li> <li>6. Continue with the process of obtaining bids for site work. (Write SOW/RFP and send to contractors for solicitation)</li> </ol>	

OMAHA DISTRICT RAPID RESPONSE WEEKLY REPORT CONT'D.

Schedule for two week look ahead (**Note that a two-week "Look-ahead" schedule will be prepared and sent out separately**):

1. Continue with installation of thermocouple wells (TMP #'s 12, 14 and 10) within the ERH area.
2. Coring and soil sampling for the thermocouple wells listed above.
3. Begin limited electrical work (power conduits from Park electrical panel to TC Building week of 11/27/06)
4. Continue drywall installation of electrical, control and storage rooms.
5. Begin installation of gutters and downspouts.
6. Begin installation of roll up doors (end of week 11/27/06)
7. See two- week look ahead schedule for more details.

Overall construction schedule variances:

FTO unit inspection test scheduled for 11/16/06 in Milwaukee will be postponed 12/4/06.

Submittals and key correspondence since last report:

- Daily QC reports and site photos.
- Weekly report.

Quality control:

**Status of on and off-site work and testing:**

- Twining Labs will forward final concrete strength test results for concrete poured on 10/12/06 and 10/13/06, as soon as it is available.
- All work details are being noted on the Daily QC Report.
- Twining Labs on site Tuesday 11/14/06 for final QC testing of installation of structural bolts for Braemar Building.

**Rework Items Identified within the past week:**

None

**Rework Items corrected within the past week:**

None

Cost Report:

[Will be provided in Separate Report]

Contract Status/Issues: None

Other remarks: None

Prepared by: [Mark Prostko – Construction Manager](#)

OMAHA DISTRICT RAPID RESPONSE WEEKLY REPORT	
Project Name: PEMACO REMEDIAL ACTION	For Week Ending: 11/25/06
Project Location: MAYWOOD, CALIFORNIA	Report #: 2006W15
Name: David Klein	Title: Construction Manager
Company Name & Address: TN & Associates	
Phone: (805) 585-2110	Fax: (805) 585-2111
Reporting Period: 11/18 – 11/25/2006	
Percent field work completed:	
Percent project completed:	
<p>Summary of work completed on site:</p> <ul style="list-style-type: none"> <li>• Clevenger Construction Co. (CLEVCO) continued construction of the electrical, control and storage rooms as all drywall associated to the rooms was completed.</li> <li>• CLEVCO installed wall skins, two exterior vent covers, and an exterior door on the west side of the treatment building.</li> <li>• CLEVCO installed two exhaust fans in the internal rooms within the treatment compound (TC).</li> <li>• CLEVCO installed gutters on the North side of the treatment building.</li> <li>• CLEVCO installed a window in the control room and constructed a wooden access ladder to the storage area above the interior rooms of the TC. Ladder type and window dimensions/type was installed per Rick Lainhart's verbal instructions. Original design did not include these items as a field decision was made to add the items to the building.</li> <li>• CLEVCO installed gable trim on the South side of the treatment building.</li> <li>• CLEVCO installed drywall associated with the parapet storage area located above the internal rooms within the TC.</li> <li>• PIMA removed the City of Maywood's storage container.</li> <li>• Relocated CLEVCO storage bin to provide more work/equipment storage area.</li> <li>• Gregg Drilling installed TMP #12 and TMP#14 as oversight was provided by TN&amp;A/TRS. Details are provided in the daily reports.</li> <li>• Gregg Drilling regouted TMP wells that were installed in the previous weeks due to settling out of the material during the original installation period.</li> <li>• Developed MW #'s 3, 4, 26A and 26B.</li> <li>• HVAC equipment was delivered to the site that was provided by Grainger.</li> <li>• No project meeting scheduled due to the short Thanksgiving week.</li> <li>• Photo documentation of the site activities is ongoing.</li> </ul> <p>Health and Safety (11/18/2006 to 11/25/2006)</p> <ul style="list-style-type: none"> <li>• No accidents or incidents involving personnel to report within the past week.</li> <li>• Perimeter dust monitoring program is being performed and documented.</li> <li>• Since August 4, a total of 64 work days have been completed without a lost time incident.</li> <li>• Daily safety meeting records are been completed by Mark Prostko and kept on file in the office trailer.</li> <li>• Daily safety meetings have included discussions on using appropriate PPE in the construction area as well as specific AHA's related to individual tasks.</li> </ul> <p>Summary of work completed off site:</p> <ul style="list-style-type: none"> <li>• Twining Labs expected to provide data shortly for concrete cylinders for 28 day break tests for concrete poured 10/12/06, 10/13/06 and 10/18/06.</li> </ul> <p>Explanation of deviation from work plan (including modifications and schedule slippages):</p> <ul style="list-style-type: none"> <li>• The ridge flashing associates to the peak of the building was fabricated to 19" and should o been fabricated to 23". The correct piece will ship from Braemar on Monday 11/27/06 and arrive at the site on Wednesday or 11/29/06.</li> <li>• Exhaust fans associated to the treatment room have been ordered and will arrive and be installed the week ending the 8<sup>th</sup> of December.</li> <li>• Ladder type and window dimensions/type were installed per Rick Lainhart's verbal instructions. Original design was not included in the original design as a field decision was made to add the items to the building.</li> </ul>	

OMAHA DISTRICT RAPID RESPONSE WEEKLY REPORT CONT'D.
Recommendations: None
Key personnel changes: TN&A provided Zane O'Conner and Tommy Rowell for oversight of soil sampling associated with the TMP wells. TRS oversight was provided by Danny Baysa and Jeff Fujita.
Work anticipated to be performed the following week: <ol style="list-style-type: none"> <li>1. Complete the installation of roof ridge cap (trim).</li> <li>2. Complete installation of drywall for electrical, storage, and control room areas.</li> <li>3. Install air conditioner.</li> <li>4. Install TMP's and obtain soil samples at TMP #'s 10, 19, 3, 29, and 7.</li> <li>5. Continue with the process of obtaining bids for site work. (Write SOW/RFP and send to contractors for solicitation)</li> </ol>
Schedule for two week look ahead ( <b>Note that a two-week "Look-ahead" schedule will be prepared and sent out separately</b> ): <ol style="list-style-type: none"> <li>1. Continue with installation of thermocouple wells (TMP #'s 4, 2, 5, 6, and 20) within the ERH area. (Week of 12/04/06)</li> <li>2. Coring and soil sampling for the thermocouple wells listed above.</li> <li>3. Continue with limited electrical work (power conduits from Park electrical panel to TC Building (Week of 12/04/06)</li> <li>4. Complete installation of gutters and downspouts.</li> <li>5. Install exhaust fans. (Week of 12/04/06)</li> <li>6. Continue with installation of roll up doors (Week of 12/04/06)</li> <li>7. ERM will continue to accept delivery of treatment system equipment. (Week of 12/04/06)</li> <li>8. See two- week look ahead schedule for more details.</li> </ol>
<b>Overall construction schedule variances:</b> None
Submittals and key correspondence since last report: <ul style="list-style-type: none"> <li>• Daily QC reports and site photos.</li> <li>• Weekly report.</li> </ul>
Quality control: <b>Status of on and off-site work and testing:</b> <ul style="list-style-type: none"> <li>• Twining Labs will forward final concrete strength test results for concrete poured on 10/12/06 and 10/13/06, as soon as it is available.</li> <li>• QC testing of the 3/4" x 2 3/4" ASTM325 bolts provided by Braemer Building Systems is being performed by Twining Labs. Reports will be provided as soon as we receive them.</li> <li>• All work details are being noted on the Daily QC Report.</li> </ul> <b>Rework Items Identified within the past week:</b> None <b>Rework Items corrected within the past week:</b> None
Cost Report:  [Will be provided in Separate Report]
Contract Status/Issues: None
Other remarks: A number of fence and security companies visited the site to provide a cost estimate for a security system and fence associated to the treatment building.
Prepared by: Dave Klein and reviewed by <a href="#">Mark Prostko – Construction Manager</a>

OMAHA DISTRICT RAPID RESPONSE WEEKLY REPORT	
Project Name: PEMACO REMEDIAL ACTION	For Week Ending: 11/04/06
Project Location: MAYWOOD, CALIFORNIA	Report #: 2006W12
Name: Mark Prostko	Title: Construction Manager
Company Name & Address: TN & Associates	
Phone: (805) 585-2110	Fax: (805) 585-2111
Reporting Period: 10/28 – 11/04/2006	
Percent field work completed:	
Percent project completed:	
<p>Summary of work completed on site:</p> <ul style="list-style-type: none"> <li>Clevenger Construction Co. (CLEVCO) erected the south wall sheets (80') , south wall wire mesh (31'4"), east wall sheets (50'), east wall dual exhaust fan (2) louvers, hung east wall 4' wide man door, north wall wire mesh (62'3"), hung north wall 4' wide man door.</li> <li>Four (4) DS-3 8 x 25C16 x 16 3 1/2" parts for building (girts for wire mesh frame out) and (22) HW-25 parts that were missing from the shipping list were delivered to the site 11/3/06.</li> <li>Site meeting Thursday 920 hours to 1130 hours with EPA, USACE, TN&amp;A and ERM to discuss Treatment System work. Please refer to the Daily Report from 11/2/06 for a summary of items discussed.</li> <li>Drilled and installed MW3, MW4, MW6A and MW26B. Details on the daily reports. Gregg Drilling installed with TN&amp;A oversight.</li> <li>Drilled and installed TMP#1, TMP#8, TMP#23 and TMP#25. Details on the daily reports. Gregg Drilling installed with TN&amp;A /TRS oversight.</li> <li>TRS delivered 100,800 lbs. of graphite (36 pallets with 56 bags @ 50 lbs. each), 34,000 lbs. of graphical steel shot. (17 pallets @ 2,000 lbs. each), 6 roll off containers for drill cuttings, and 1/2", 3/4", 1 1/2", and 6" CPVC pipe for TMP's and ERH system.</li> <li>Photo documentation of the site activities is ongoing.</li> </ul> <p>Health and Safety (10/28/2006 to 11/04/2006)</p> <ul style="list-style-type: none"> <li>No accidents or incidents involving personnel to report within the past week.</li> <li>John Hartley reminded field crews that a full-face shield is required when grinders are being utilized. CLEVCO mobilized a new full face shield for person using grinder.</li> <li>The power cord for one (1) power grinder was replaced with a new cord.</li> <li>Perimeter dust monitoring program is being performed and documented.</li> <li>Since August 4, a total of 51 work days have been completed without a lost time incident.</li> <li>Daily safety meeting records are been completed by Mark Prostko and kept on file in the office trailer.</li> <li>Daily safety meetings have included discussions on using appropriate PPE in the construction area as well as specific AHA's related to individual tasks.</li> </ul>	
<p>Summary of work completed off site:</p> <ul style="list-style-type: none"> <li>Twining Labs continues to hold concrete cylinders for 28 day break tests for concrete poured 10/12/06, 10/13/06 and 10/18/06.</li> </ul>	
<p>Explanation of deviation from work plan (including modifications and schedule slippages):</p> <p>A field decision was made to provide a smaller injection pipe diameter in the TMPs.</p>	
<p>Recommendations: To approve TRS's request to use 1/2 inch injection pipe instead of 3/4 inch. The change to the narrow diameter pipe will allow TRS much faster installation since they will not have to change out augers (from 8- 10 inch) or perform reaming. 11/3/06 email from John Wingate to John Hartley which addresses the assumption for this recommendation.</p>	
<p>Key personnel changes:</p> <p>TRS (Paul Bianco) mobilized to the site to oversee installation of TMP work.</p> <p>Gregg Drilling mobilized one drill rig (M-11) for TMP installation and one drill rig (CME-95) for monitor well installations.</p> <p>TN&amp;A provided Tom Rowell and Zane Smith for oversight of drilling/installation of monitor wells and soil sampling associated with TMP's.</p>	

### OMAHA DISTRICT RAPID RESPONSE WEEKLY REPORT

Work anticipated to be performed the following week:

1. Modify Clevenger's subcontract to perform site work requested Friday 11/3/06 by USACE/TN&A to prepare drill rig access in ERH area near park fence line, install silt fence adjacent to park fence line, create pathway/access for large equipment next to the gate for ERH area, and repair the gap in the diamond plate between where the existing electric panel (adjacent to WW Henry compound) meets the pre-cast concrete vault. Work is expected to be done week period of 11/5/-6 through 11/11/06
2. QC testing of bolts 11/10/06 with independent third party (Twining Labs).
3. Finish wall panels (sheets) east wall. Start placing roof panels.
4. Install and obtain soil samples at TMP16, 22, 18, 24 and 26.
5. Identify potential qualified roll up door installers. Schedule a site visit for inspection of door frame outs.
6. Continue with process for obtaining bids for interior finish work (walls, ceilings, doors, continuous rafters partition, vent stack)
7. Continue with process for obtaining bids for HVAC work. (Air conditioner unit control room and exhaust fans for electrical and storage rooms)
8. Continue with the process of obtaining bids for site work. (Write SOW/RFP and send to contractors for solicitation)

Schedule for two week look ahead (**Note that a two-week "Look-ahead" schedule will be prepared and sent out separately**):

1. Continue with installation of thermocouple wells (TMP #'s 16, 22, 18, 26, 24, 17, 27, 9, 11, and 13) within the ERH area.
2. Coring and soil sampling for the thermocouple wells listed above.
3. Site work to create rig access for TMP locations fence line of park in ERH area and secondary route for crane/heavy equipment to ERH area at fence line.
4. Continue with and complete the installation of wall and roof skins (26 gauge steel) through period ending 11/17/06.
5. See two- week look ahead schedule for more details.

Overall construction schedule variances: None

Submittals and key correspondence since last report:

- Daily QC reports and site photos.
- Weekly report.

Quality control:

**Status of on and off-site work and testing:**

- Twining Labs will forward final concrete strength test results for concrete poured on 10/12/06 and 10/13/06, as soon as it is available.
- All work details are being noted on the Daily QC Report.

**Rework Items Identified within the past week:**

- One (1) 1" ABS Airline in northwest side of TC is broken at the concrete slab. (Identified 11/1/06) Repaired the broken line (11/1/06) with 1" ABS coupling.

**Rework Items corrected within the past week:**

- Two (2) door jam bolts are loose near north ramp. Identified 10/20/06) USACE approved corrective action will be epoxy grout injected into the area. Repaired 11/1/06. Inspected 11/2/06 and 11/3/06.
- Two (2) column bolts near north ramp in far northeast corner of building require concrete patching. Identified in today's preparatory meeting 10/24/06 for building erection). The area was jack hammered out and new concrete was placed 11/1/06.
- One (1) 1" ABS Airline in northwest side of TC is broken at the concrete slab. (Identified 11/1/06) Repaired the broken line (11/1/06) with 1" ABS coupling. Installed uni-strut around the area for support and protection.

Cost Report:

[Will be provided in Separate Report]

Contract Status/Issues: None

Other remarks: None

Prepared by: [Mark Prostko – Construction Manager](#)